

## Attachment 1

### Credentials – Ron Lindsey

Ron has 38 + years in the rail industry even split between rail management and consulting. As to rail management he has held the positions of Chief Engineer Communications for Conrail (when it was a Class I) and Director of Advanced Train Control for CSX. In this latter position, he was the architect for the first overlay PTC system that provide the foundation for PTC systems being pursued by the freight railroads today.

As a consultant, Ron is independent meaning that he represents no suppliers nor accepts credentials. The primary consulting activities focus on the strategic deployment of technologies, most importantly PTC and wireless. As to these two areas specifically, his credentials include the following:

- Project Leader for an USTDA sponsored study to evaluate the feasibility of PTC and efficiency systems for the Egyptian National Railways;
- Project Leader for a proposal submitted for a FTA project regarding adapting PTC for passenger operations (not yet awarded)
- Performed FRA-sponsored study regarding the use of wireless in the rail industry
- Frequent speaker at PTC and related industry conferences including
  - Chairman of the PTC Congress, 2011
  - CBTC Conference 2011, 2009
  - PTC Conference 2008, 2009, 2010,
- PTC articles published
  - Journal of Transportation
  - IEEE Vehicular Technologies
  - Railway Age (currently a Contributing Editor)
  - A book on railroad technologies to be published in 2012
- Teach a PTC course to suppliers
- Teaches a Railroad Immersion Course to Class Is and suppliers
- Publishes a quarterly journal, ***Full Spectrum***, for 15 years that has been subscribed to by Class Is, FRA, and major suppliers.

Lastly, Ron has a BS in Metallurgy and an MBA

In addition, see page 13 of Attachment 3 to my Comments in FCC Docket 11-79.